

**Table C-46. Federal obligations for applied research in physical and environmental sciences, by agency and detailed field of science: fiscal year 2001**

[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chem- istry	Physics	Physical sciences, n.e.c.	Total	Atmos- pheric	Geo- logical	Ocean- ography	Environ- mental sciences, n.e.c.
Total, all agencies .....	1,273,642	109,040	288,131	699,466	177,005	1,588,637	516,378	273,168	278,714	520,377
Departments:										
Department of Agriculture, total .....	44,971	0	42,787	2,184	0	6,566	5,629	937	0	0
Agricultural Research Service .....	23,841	0	22,731	1,110	0	1,575	1,539	36	0	0
Cooperative State Research, Education, & Extension Service .....	17,165	0	17,165	0	0	1,171	1,171	0	0	0
Forest Service .....	3,965	0	2,891	1,074	0	3,820	2,919	901	0	0
Department of Commerce, total .....	76,911	0	25,982	49,813	1,116	278,287	112,734	34,225	90,433	40,895
Nat'l Inst of Standards & Tech .....	59,290	0	20,631	37,543	1,116	1,998	0	567	1,431	0
National Oceanic & Atmospheric Administration .....	17,621	0	5,351	12,270	0	276,289	112,734	33,658	89,002	40,895
Department of Defense, total .....	365,043	0	67,467	251,415	46,161	135,113	19,715	5,898	80,506	28,994
Defense Agencies, total .....	49,415	0	1,854	37,122	10,439	6,400	647	0	5,753	0
Ballistic Missile Defense Org .....	11,331	0	1,087	1,651	8,593	0	0	0	0	0
Chemical and Biological Defense .....	1,846	0	0	0	1,846	0	0	0	0	0
Defense Adv Rsch Projects Agcy ..	0	0	0	0	0	5,106	0	0	5,106	0
Defense Threat Reduction Agency .....	33,566	0	0	33,566	0	0	0	0	0	0
Washington Headquarters Svcs .....	2,672	0	767	1,905	0	1,294	647	0	647	0
Department of the Air Force .....	231,172	0	31,026	199,434	712	11,112	3,470	3,348	0	4,294
Department of the Army .....	78,234	0	34,587	14,859	28,788	25,513	8,754	2,550	87	14,122
Department of the Navy .....	6,222	0	0	0	6,222	92,088	6,844	0	74,666	10,578
Department of Energy .....	509,526	0	61,105	339,197	109,224	69,275	511	6,228	0	62,536
Dept of Health & Human Svcs, total .....	73,257	0	67,460	0	5,797	167,350	0	463	0	166,887
Agency for Toxic Substances Disease & Registry .....	0	0	0	0	0	463	0	463	0	0
National Institutes of Health .....	73,257	0	67,460	0	5,797	166,887	0	0	0	166,887
Dept of Housing & Urban Development .....	0	0	0	0	0	1,241	0	0	0	1,241
Department of the Interior, total .....	0	0	0	0	0	342,685	1,926	186,343	12,878	141,538
Bureau of Reclamation .....	0	0	0	0	0	1,910	0	0	0	1,910
Geological Survey .....	0	0	0	0	0	323,001	0	186,054	0	136,947
Minerals Management Service .....	0	0	0	0	0	15,253	1,720	164	12,878	491
National Park Service <sup>1</sup> .....	0	0	0	0	0	2,521	206	125	0	2,190
Dept of Transportation, total .....	49,458	0	0	49,458	0	31,020	29,515	33	640	832
Coast Guard .....	0	0	0	0	0	640	0	0	640	0
Federal Aviation Administration .....	48,971	0	0	48,971	0	27,439	27,439	0	0	0
Federal Highway Administration .....	359	0	0	359	0	2,741	2,076	33	0	632
Federal Motor Carrier Safety Administration .....	128	0	0	128	0	0	0	0	0	0
Rsch & Special Programs Admin .....	0	0	0	0	0	200	0	0	0	200

See explanatory information, if any, and SOURCE at end of table.

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[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chem- istry	Physics	Physical sciences, n.e.c.	Total	Atmos- pheric	Geo- logical	Ocean- ography	Environ- mental sciences, n.e.c.
Department of the Treasury, total .....	4,662	0	0	0	4,662	0	0	0	0	0
Bureau of Engraving & Printing .....	4,662	0	0	0	4,662	0	0	0	0	0
Other agencies:										
Environmental Protection Agency .....	7,592	0	7,592	0	0	102,658	38,869	8,490	10,651	44,648
Federal Communications Commission ..	110	0	0	110	0	0	0	0	0	0
Internat'l Development Cooperation										
Agency, total .....	0	0	0	0	0	5,883	0	0	0	5,883
Agcy for Internat'l Development .....	0	0	0	0	0	5,883	0	0	0	5,883
Library of Congress .....	2,004	0	1,202	0	802	0	0	0	0	0
National Aeronautics & Space										
Administration .....	120,143	105,629	8,607	2,431	3,476	445,427	307,251	30,195	82,254	25,727
National Archives & Records Admin .....	120	0	70	50	0	0	0	0	0	0
National Science Foundation .....	19,845	3,411	5,859	4,808	5,767	3,132	228	356	1,352	1,196

<sup>1</sup> Obligations for fiscal years 2001-2003 are for the National Park Service's (NPS) natural resources program only; data for the NPS cultural resources program were not available for this survey cycle.

**KEY:** n.e.c. = Not elsewhere classified

**NOTE:** Data for only those agencies and subdivisions that had obligations in the variables represented by this table appear in the table. For additional notes associated with the agencies listed in this table, refer to appendix B.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003